

# Tech Prep Six-Year Plan 2009 - 2010

Consortium: STAR Tech Prep

College: Southwest Texas Junior

College Program: Automotive Technology

HIGH SCHOOL					COLLEGE			
SUBJECT & (credits)	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR	FRESHMAN		SOPHOMORE	
ENGLISH (4)	English I	English II	English III	English IV	New Student Orientation ORIE 0100 or College Success Skills COLS 0100	<b>Auto. Engine Performance Analysis II</b> (2) AUMT 2434	Automotive Drive Train and Axles AUMT 2413	Auto. Trans. & Transaxle AUMT 2425
MATH (3)	Algebra I	Geometry	Algebra II		<b>Automotive Brake Systems</b> (1) AUMT 1410	<b>Auto. Suspension &amp; Steering</b> (2) AUMT 1416	Auto Electrical Lighting & Access. AUMT 2421	Automotive Services AUMT 2428
SCIENCE (3)	Integrated Physics and Chemistry	Biology Or AP Biology	Chemistry Or Physics		<b>Automotive Electrical Systems</b> (1) AUMT 1407	<b>Auto. Heating &amp; Air Conditioning</b> (2) AUMT 1445	Advanced Emission Systems Diagnostics AUMT 2443	Coop. Ed. – Auto. Tech./Techn. AUMT 2280
SOCIAL STUDIES (3 ½) ECONOMICS (½)	World Geography	World History	U.S. History	Government (½) Economics (½)	<b>Auto. Engine Performance Analysis I</b> (1) AUMT 2417	Microcomputers Applications  COSC 1401	ELECTIVE  College Level Mathematics	
	Physical Education	Physical Education (½)	Health (½)		ELECTIVE Humanities & Fine Arts			
	Foreign Language I	Foreign Language II						
SPEECH (½)			Speech (½)			<u>Summer Session</u> Social and Behavioral Sciences ELECTIVE Speech Communications ELECTIVE		
FINE ARTS (1)				Fine Arts				
TECHNOLOGY APPLICATION (1)		Technology Application						
ELECTIVES (3 ½)	<u>Automotive Tech Prep Courses</u> (1) Auto Tech I (2-3) 12579102 (2) Auto Tech II (2-3) 12579103				Associate of Applied Science (AAS): <b><i>Automotive Technology</i></b>			

Notes:

1. High School and College courses noted with matching numbers are currently articulated under the college program noted above.
  2. A coherent sequence of courses (Tech Prep courses specifically under each program) should be taken to be eligible for Tech Prep college credit.
  3. Tech Prep college credit awarded upon receiving grade 80 or better in high school Tech Prep course **and** completion of 6 credit hours at SWTJC.
- \* ITSC 1301 will serve as a substitution for COSC 1401 which is a requirement for A.A.S.